

ABSTRACT

A transportation system is provided that accommodates varying angles of slope along the path of its movement, while maintaining a level transportation platform without the need of mechanical leveling devices or systems. The platform may be connected to the rail by wheels, the closest of which to the platform is above the rail, and the other below the rail. Accordingly, the platform is torqued downward to maintain contact between the wheels and the rail. As the slope of the terrain, and thus the rail, increases, the rail is widened to maintain the platform at level. As the slope decreases, the rail is narrowed to the same effect. The platform also may be tilted for loading or unloading by this rail-widening method, as may be desired.